

**ABSTRACT**

The invention relates to plastic articles comprising stainless steel fibers obtained by bundled drawing of stainless steel wires embedded in a matrix material. The composition of the stainless steel fibers  
5 comprises iron and the following components expressed in percent by weight :  $C \leq 0.05 \%$ ,  $Mn \leq 5\%$ ,  $Si \leq 2 \%$ ,  $8 \leq Ni \leq 12 \%$ ,  $15 \% \leq Cr \leq 20 \%$ ,  $Mo \leq 3 \%$ ,  $Cu \leq 4 \%$ ,  $N \leq 0.05 \%$ ,  $S \leq 0.03 \%$  and  $P \leq 0.05 \%$ .